

**ABSTRACT**

An alarm management device includes: a data collection device for collecting alarm data generated by an apparatus to be managed; a database device for storing the collected  
5 alarm data; and an alarm statistic device for preparing alarm statistics using the stored alarm data. The alarm statistic device includes: a weight coefficient provision unit for providing, for each alarm, one or more weight coefficient types; a total weight coefficient calculation unit, for multiplying  
10 these weight coefficients to obtain a total weight coefficient for each alarm; a weighted case count calculation unit, for multiplying, by the total weight coefficient, a "1" that represents a case count for the generation of each alarm and for obtaining a weighted case count; and a statistic preparation  
15 unit, for adding the weighted case counts for the individual alarms to prepare statistics for the weighted number of alarm generation cases.